

⌚ Title: **RU2209789C2: FIBERGLASS STRANDS COATED BY INORGANIC PARTICLES AND PRODUCTS CONTAINING THEREOF**

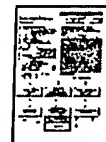
⌚ Derwent Title: Inorganic particle-coated glass fiber strand for PCB substrates [\[Derwent Record\]](#)

⌚ Country: **RU** Russian Federation

⌚ Kind: **C2** Patent (Second Publication) i

⌚ Inventor: **NOVICH BRJUS**; United States of America
ROBERTSON UOLTER DZH.; United States of America
VELPEJRI VEDADZHIRI; United States of America

⌚ Assignee: **PPG INDUSTRIES OGAJO, INC.** United States of America
[News, Profiles, Stocks and More about this company](#)



[High Resolution](#)

⌚ Published / Filed: **2003-08-10 / 1999-02-25**

⌚ Application Number: **RU1999000124941**

⌚ IPC Code: **C03C 25/42**; **C03C 25/26**;

⌚ ECLA Code: **None**

⌚ Priority Number: **1998-03-03 US1998000034056**
1998-10-13 US1998000170565

⌚ Abstract: **FIELD:** composites. **SUBSTANCE:** coated fiberglass strands intended for reinforcement of composites contains at least one glass fiber coated with dry residue from water-based finishing composition containing more than 20% of solid inorganic particles, whose minimal average diameter ranges from 1 to 1000 mcm and hardness of which does not exceed that of glass fibers. Solid particles are selected from at least one metallic material selected from graphite, Mo, Pt, Pd, Ni, Al, Cu, Au, Fe, Ag, and their mixtures. **EFFECT:** reduced abrasive wear and breaking disposition of fiberglass. 36 cl, 8 dwg, 11 tbl, 7 ex